



**FORM PTO-1449** U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark  
Office

ATTY. DOCKET NO.

ASA-701-04

SERIAL NO.

10/810,812

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

APPLICANT

K. TSUKADA et al.

FILING DATE

March 29, 2004

GROUP

3737

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
/LNL/	DE 691 14 886 T2	07-1996	Germany				X
/LNL/	EP 0 449 231	10-1991	Europe				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

/LNL/	WEDENSKY, V.L. et al., "An Eight-channel Neuromagnetometer", Instruments and Experimental Techniques, Vol. 38, No. 1, Part 2, 1995, pages 111-118.
/LNL/	Tsukada et al., "Tangential (x- and y-) Component Measurement of Cardiac Magnetic Field and Comparison with Conventional z-Component Measurement", Tenth International Conference on Biomagnetism, Sante Fe, New Mexico, Feb 17, 1996, pages 565-568.

EXAMINER /Lawrence Laryea/

DATE CONSIDERED 04/01/2007

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ASA-701-04		SERIAL NO.		
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT K. TSUKADA et al				
				FILING DATE 03/29/04		GROUP 3737		
<b>U.S. PATENT DOCUMENTS</b>								
* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)	
	AA	5,526,811	06/1996	Lypchuk				
	AB	5,170,119	12/1992	Sekihara et al				
	AC	5,228,443	07/1993	Tatar				
	AD	5,204,624	04/1993	Ueda				
	AE	5,211,178	05/1993	Kado et al				
	AF	5,206,589	04/1993	Kado et al				
	AG	5,285,385	02/1994	Igarashi et al				
	AH	5,426,365	06/1995	Sekihara et al				
	AI	5,752,514	05/1998	Okamura et al				
↓	AJ	6,230,037	05/2001	Tsukada et al				
/LNL/	AK	6,477,398	11/2002	Mills				
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AL	2-249530	10/05/90	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	AM	8-266499	10/15/96	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	AN	6-121776	05/06/94	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	AO	10-305019	11/17/98	Japan			<input type="checkbox"/>	<input type="checkbox"/>
←	AP						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>								
	AR	JAPANESE JOURNAL OF MEDICAL INSTRUMENTATION Vol. 66, No. 10, 1996, pp. 623-624.						
←	/LNL/ AS	JOURNAL OF ELECTROCARDIOLOGY, Vol. 9, No. 4, 1976, pp. 426-432.						
/LNL/	AT	Review of the Scientific Instruments, Vol. 66, No. 10, 1995, pp. 5085-5091.						
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* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
/LNL/	AA	5,642,045	06/1997	Keefe et al			
	AB						
	AC						
	AD						
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	AH						
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<b>FOREIGN PATENT DOCUMENTS</b>							
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	AO						<input type="checkbox"/> <input type="checkbox"/>
	AP						<input type="checkbox"/> <input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AR	Tenth International Conference on Biomagnetism, Feb. 17, 1996, Y. Yoshida et al, p. 351.					
	AS	Tenth International Conference on Biomagnetism, Feb. 17, 1996, K. Tsukada et al, p. 248.					
/LNL/	AT	Circulation 63, No. 5, 1981, pp. 1166-1172.					
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AN						<input type="checkbox"/>	<input type="checkbox"/>
AO						<input type="checkbox"/>	<input type="checkbox"/>
AP						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>							
AR	Phys. Med. Biol., Vol. 32, No. 1, 1987, pp. 11-22.						
AS							
AT							
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